



Data and Privacy File Guides

Other Data: Photos iCloud Usage Data

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File name Photos iCloud Usage Data.csv

File description This file contains information related to the user's activity in iCloud for Photos

Why Apple keeps this information Apple retains this information in order to understand how iCloud is being used, to provide support to users, to improve its products and services, and to ensure the integrity of transactions and user facing or entered content

Active Album and Subscriber Events

Contains information related to active album and subscriber actions, such as add album, invite, accept invitation, unsubscribe, and remove subscriber

Field Name	Details
Album GUID	The Global Unique Identifier (GUID) of the user's album
Analytics User ID	The Apple Account identifying number
Event Created Timestamp	The date and time the event was created
Event Type	The type of event that the user performs

Aggregated Shared Library Information

Contains information related to a Shared Library, such as as total number of invites, invitation sent status, invitation accepted status, and moving assets from a user's main library to an iCloud Shared Photo Library

Field Name	Details
Analytics User ID	The Apple Account identifying number
Asset Count Deleted	The total number of deletes on a given day, per asset type
Asset Count Uploaded	The uploaded asset count per user and asset type on a day
Assets Uploaded	Whether the asset has been uploaded to the shared library by the user
Authentication Type	The authentication method used by the user

Field Name	Details
Current Country Code	The latest country provided by the user in their Apple Account settings
Device Model	The device model from which the user took an action
Exit Reason	The reason why the user has exited the shared library
iCloud Quota Utilization Size	The size of the iCloud quota used by the user
Invitation Details	The details associated with the invitation to access a shared library
Invitation Sent	Whether the shared library invitation has been sent by the user
Invite Accepted	Whether the shared library invitation has been accepted by the user
Invite Count	The total count of shared library invitations sent
Library Exit	Whether the user has ever exited a shared library ('false' by default if a user has never joined a shared library)
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes
Subscriber Type	The classification of the type of user/subscriber (for example, Paid, Free)

Album Invitations Events

Contains information related to user actions performed on albums, such as add, edit, or delete an album, send an invite, and the invite status (for example, Accepted, Rejected)

Field Name	Details
Album GUID	The Global Unique Identifier (GUID) of the user's album
Album Settings	The settings of the album, defining whether the participant can post photos
Analytics User ID	The Apple Account identifying number
Browser Name	The web browser from which the user took action
Browser Version	The web browser version from which the user took action

Field Name	Details
Device Family	The type of device from which a user took an action
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Event Created Timestamp	The date and time the event was created
Event Performed By	The type of user that the activity is performed on the album by (either Owner or Subscriber)
Event Type	The type of event that the user performs
Family Sharing Album Flag	Denotes whether the album is a Family Sharing album
iCloud Quota Utilization Size	The size of the iCloud quota used by the user
Invite GUID	The Global Unique Identifier (GUID) of the user's invitation
Invite Type	Whether the invitation was sent by email, phone, email and phone, or through the application
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Signup Country Code	The country from which the user signed up for a particular account or service
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes
User Type	The subscription tier the user is assigned to (for example, Free, Paid, Paid- Family Member, Paid-Family Owner)

Asset Download Events

Contains information related to asset downloads for older iOS client devices (for example, iOS, iPadOS, tvOS, macOS, watchOS)

Field Name	Details
Analytics User ID	The Apple Account identifying number
Asset Identifier	The unique identifier assigned to a specific asset
Device Family	The type of device from which a user took an action
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Event Created Timestamp	The date and time the event was created
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Resource ID	A unique identifier assigned to a specific resource
Resource Name	The name of the resource that has been uploaded by the user
Resource Size	The size of the resource that has been uploaded by the user, measured in bytes
Signup Country Code	The country from which the user signed up for a particular account or service
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)

Field Name	Details
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes
User Type	The subscription tier the user is assigned to (for example, Free, Paid, Paid- Family Member, Paid-Family Owner)

Asset Migration Information from Personal Library to Shared Library

Contains information related to an asset being moved from the personal library to an iCloud Shared Photo Library by the user

Field Name	Details
Analytics User ID	The Apple Account identifying number
Application	The name of the application
Asset Identifier	The unique identifier assigned to a specific asset
Asset Size	The total size of the asset(s)
Asset Type	The type of asset subject to the user's action
Browser Name	The web browser from which the user took action
Browser Version	The web browser version from which the user took action
Completion State	The status of the user moving the asset
Current Country Code	The latest country provided by the user in their Apple Account settings
Date Created	The date and time at which the asset was created
Deleted State	Denotes whether the asset was located in the Recently Deleted folder before it was moved by the user
Device Family	The type of device from which a user took an action
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Event Created Timestamp	The date and time the event was created
Event Type	The type of event that the user performs

Field Name	Details
Family ID For Family Sharing	A unique identifier used to identify a user's Family Sharing group
Family Member Type	The classification of the type of user in the family group (for example, Organizer, Adult, Teen, Child)
File Size	The size of the user's file
Hashed Serial Number	The hashed serial number of the user's device
Hashed UDID Number	The hashed Apple Unique Device Identifier of the user's device from which the event occurred, or was started, created, or initiated
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
Item Type	The type of the item that the user is accessing
Master Reference	The master reference ID number to tie together duplicated or edited versions of an asset
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Record ID	An identifier for the record
Signup Country Code	The country from which the user signed up for a particular account or service
Source	The location from which the user's activity originated from
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes

Field Name	Details
Subscriber Type	The classification of the type of user/subscriber (for example, Paid, Free)
Video Component Size	The size of the original/untouched video portion of a Live Photo, measured in bytes

Asset Upload Events

Contains information related to when a user uploads assets (for example, photos) to the iCloud Photo Library

Field Name	Details
Analytics User ID	The Apple Account identifying number
Application	The name of the application
Asset Identifier	The unique identifier assigned to a specific asset
Asset Size	The total size of the asset(s)
Asset Source	The source of an asset's upload on a user's device (for example, Files, Front Camera, Back Camera)
Asset Type	The type of asset subject to the user's action
Browser Name	The web browser from which the user took action
Browser Version	The web browser version from which the user took action
Burst ID	A unique identifier assigned to a specific photo burst
Camera Option	The selected camera option(s) with which the file was captured
Camera Settings	The selected camera settings with which the file was captured (for example, Normal Photo, Unknown)
Date Created	The date and time at which the asset was created
Device Family	The type of device from which a user took an action
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Event Created Timestamp	The date and time the event was created

Field Name	Details
iCloud Quota Change Size	The change size of the iCloud quota for the asset
iCloud Quota Utilization Size	The size of the iCloud quota used by the user
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
Live Photo Effect	The selected live photo effect(s) with which the file was captured
Mode Of Upload	The mode through which the user uploaded the photos (for example, iCloud Photos Library, Recently Deleted Album)
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Pixel Height	The file's height, measured in pixels
Pixel Width	The file's width, measured in pixels
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Signup Country Code	The country from which the user signed up for a particular account or service
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes
Sub Asset Type	The type of photo or video that is being captured on the user's device (for example, Photo- Live, Screenshot, Normal)
User Type	The subscription tier the user is assigned to (for example, Free, Paid, Paid- Family Member, Paid- Family Owner)
Video (Frames Per Second)	The count of frames per second of the user's video

Field Name	Details
Video Code	The type of file extension for compressing or decompressing digital video files (for example, public.heic, public.png)
Video Duration (Milliseconds)	The duration of the video added to the album, in milliseconds

Asset Upload Information

Contains information related to when a user uploads assets (for example, photos)

Field Name	Details
Analytics User ID	The Apple Account identifying number
Asset Count	The total count of the user's assets on their device (for example, Photos, Videos, and so on)
Asset Source	The source of an asset's upload on a user's device (for example, Files, Front Camera, Back Camera)
Asset Type	The type of asset subject to the user's action
Browser Name	The web browser from which the user took action
Browser Version	The web browser version from which the user took action
Camera Option	The selected camera option(s) with which the file was captured
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Hashed Serial Number	The hashed serial number of the user's device
Hashed UDID Number	The hashed Apple Unique Device Identifier of the user's device from which the event occurred, or was started, created, or initiated
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed

Field Name	Details
Resource Name	The name of the resource that has been uploaded by the user
Resource Size	The size of the resource that has been uploaded by the user, measured in bytes
Sub Asset Type	The type of photo or video that is being captured on the user's device (for example, Photo- Live, Screenshot, Normal)

Asset-Related Events

Contains information related to a user adding or deleting an asset, adding or deleting a comment, adding or deleting a like, and so on

Field Name	Details
Album GUID	The Global Unique Identifier (GUID) of the user's album
Analytics User ID	The Apple Account identifying number
Asset Type	The type of asset subject to the user's action
Comment Size	The size of a comment on an album
Device Family	The type of device from which a user took an action
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Event Created Timestamp	The date and time the event was created
Event Performed By	The type of user that the activity is performed on the album by (either Owner or Subscriber)
Event Type	The type of event that the user performs
Family Sharing Album Flag	Denotes whether the album is a Family Sharing album
iCloud Quota Utilization Size	The size of the iCloud quota used by the user
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Photo GUID	The Global Unique Identifier (GUID) of the user's photo

Field Name	Details
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Signup Country Code	The country from which the user signed up for a particular account or service
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes
Thumbnail Size	The size of the thumbnail for the asset
User Type	The subscription tier the user is assigned to (for example, Free, Paid, Paid- Family Member, Paid-Family Owner)
Video Duration (Milliseconds)	The duration of the video added to the album, in milliseconds

Daily Summary of iCloud Photo Library Information

Contains information related to the user's iCloud Photo Library, such as the number and byte size of assets uploaded, deleted, and recovered, summarized on a daily basis

Field Name	Details
Analytics User ID	The Apple Account identifying number
Asset Count Change	The total number of changes on a given day, per asset type
Asset Count Deleted	The total number of deletes on a given day, per asset type
Asset Count Uploaded	The uploaded asset count per user and asset type on a day
Deleted Asset Size	The total size of deleted assets
Maximum Deleted Assets	The maximum amount of deleted assets contributed to a quota on a day
Maximum Uploaded Assets	The maximum amount of uploaded assets contributed to a quota on a day
Net Assets	The net amount of assets contributed to a quota on a day

Field Name	Details
Recovered Asset Count	The total amount of recovered assets contributed to a quota on a day
Recovered Asset Size	The total size of recovered assets contributed to the iCloud storage quota on a day
Recovered Assets	The total amount of recovered assets contributed to a quota on a day
Uploaded Assets Count	The total amount of uploaded assets contributed to a quota on a day
Valid Data Date	The most recent date for which the system contains valid data

Deleted Assets Events

Contains information related to when a user deletes an already uploaded asset (for example, photo) from their iCloud Photo Library

Field Name	Details
Analytics User ID	The Apple Account identifying number
Asset Identifier	The unique identifier assigned to a specific asset
Asset Size	The total size of the asset(s)
Asset Source	The source of an asset's upload on a user's device (for example, Files, Front Camera, Back Camera)
Asset Type	The type of asset subject to the user's action
Browser Name	The web browser from which the user took action
Browser Version	The web browser version from which the user took action
Camera Option	The selected camera option(s) with which the file was captured
Camera Settings	The selected camera settings with which the file was captured (for example, Normal Photo, Unknown)
Date Created	The date and time at which the asset was created
Deletion From	The location from which the user's asset has been deleted
Device Family	The type of device from which a user took an action

Field Name	Details
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Event Created Timestamp	The date and time the event was created
File Upload Date	The date on which the user uploaded the asset
iCloud Quota Change Size	The change size of the iCloud quota for the asset
iCloud Quota Size	The size of the user iCloud quota
iCloud Quota Utilization Size	The size of the iCloud quota used by the user
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Signup Country Code	The country from which the user signed up for a particular account or service
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes
Sub Asset Type	The type of photo or video that is being captured on the user's device (for example, Photo- Live, Screenshot, Normal)

Field Name	Details
User Type	The subscription tier the user is assigned to (for example, Free, Paid, Paid- Family Member, Paid-Family Owner)

Device Storage Information

Contains storage-related information related to the user's device, such as total storage, available storage, library size, and percentage of asset resource types

Field Name	Details
Analytics User ID	The Apple Account identifying number
Available Storage	The amount of storage available on the user's device
Current Country Code	The latest country provided by the user in their Apple Account settings
Device Family	The type of device from which a user took an action
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Event Created Timestamp	The date and time the event was created
Library Size	The total size of the library on the user's device
Medium Or Original Percentage	The percentage of all original or compressed resolution assets in the user's library that are stored locally on the device
Medium Percentage	The percentage of all compressed resolution assets in the user's library that are stored locally on the device
Original Percentage	The percentage of all the original assets in the user's library that are stored locally on the device
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Photo Percentage	The percentage of all compressed resolution photos in the user's library that are stored locally on the device

Field Name	Details
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Thumbnail Percentage	The percentage of all the thumbnails in the user's library that are stored locally on the device
Total Storage	The total amount of storage on the user's device
Video Percentage	The percentage of all the videos in the user's library that are stored locally on the device

Event Upload Information

Contains information related to when a user uploads photos and videos to the iCloud Photo Library

Field Name	Details
Analytics User ID	The Apple Account identifying number
Application	The name of the application
Asset Count	The total count of the user's assets on their device (for example, Photos, Videos, and so on)
Asset Size	The total size of the asset(s)
Asset Source	The source of an asset's upload on a user's device (for example, Files, Front Camera, Back Camera)
Asset Type	The type of asset subject to the user's action
Browser Name	The web browser from which the user took action
Browser Version	The web browser version from which the user took action
Burst Count	The number of pictures that are taken at once, where the user can choose which picture they want to keep
Camera Option	The selected camera option(s) with which the file was captured
Camera Settings	The selected camera settings with which the file was captured (for example, Normal Photo, Unknown)
Device Family	The type of device from which a user took an action
Device GUID	The Global Unique Identifier (GUID) of the user's device

Field Name	Details
Device Version	The version of the user's device from which an action was completed
Hashed Serial Number	The hashed serial number of the user's device
Hashed UDID Number	The hashed Apple Unique Device Identifier of the user's device from which the event occurred, or was started, created, or initiated
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
Live Photo Effect	The selected live photo effect(s) with which the file was captured
Mode Of Upload	The mode through which the user uploaded the photos (for example, iCloud Photos Library, Recently Deleted Album)
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Signup Country Code	The country from which the user signed up for a particular account or service
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes
Sub Asset Type	The type of photo or video that is being captured on the user's device (for example, Photo- Live, Screenshot, Normal)
User Type	The subscription tier the user is assigned to (for example, Free, Paid, Paid- Family Member, Paid- Family Owner)

Field Name	Details
Video Code	The type of file extension for compressing or decompressing digital video files (for example. public.heic, public.png)
Video Duration (Seconds)	The video's duration, measured in seconds

iCloud Links User Events

Contains information related to user activity regarding the iCloud Links feature for iCloud Photos, summarized on a daily basis

Field Name	Details
Analytics User ID	The Apple Account identifying number
Anonymous Public Access	Whether the data is anonymous and if there is public access to it
Apple Corporate Account Flag	Whether the account is an Apple employee's account or not
Apple Corporate Email Flag	Whether the email address is an Apple employee's email address or not
Apple Employee Participant Count	The count of participants who are Apple employees
Application	The name of the application
Application Bundle Identifier	An identifier of the application
Asset Size In iCloud	The size of the iCloud file that has been created, modified, or deleted
Audio Count	The number of audio files within an iCloud Link
Browser Name	The web browser from which the user took action
Browser Version	The web browser version from which the user took action
Device Details	Information about the device type, operating system, and browser used to create the events
Device Family	The type of device from which a user took an action
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action

Field Name	Details
Device Version	The version of the user's device from which an action was completed
Event Hour	The date and time on the server when the action has been performed by the user in the Pacific timezone, truncated to the hour
Event Type	The type of event that the user performs
Excluded Records Count	The count of assets excluded by the user when downloading assets from an iCloud Link via the web
Hashed UDID Number	The hashed Apple Unique Device Identifier of the user's device from which the event occurred, or was started, created, or initiated
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
Link Access	The level of access for public users if the iCloud Link is publicly shared (for example, Read and Write, Read Only, None)
Master Reference	The master reference ID number to tie together duplicated or edited versions of an asset
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Other Asset Count	The count of 'other' types of assets in the iCloud Link, which are defined as assets other than Photos, Videos, and Audio files
Participant In Apple Network	The count of participants with an Apple Account
Participant Out Of Apple Network	The count of participants without an Apple Account
Participant With No Permissions	The count of participant with no permissions for the shared item
Participant With Read And Write Permission Count	The number of participants who have read and write permissions for the shared item

Field Name	Details
Participant With Read Only Permission Count	The number of participants who have read only permissions for the shared item
Photos Count	The number of photos added to the iCloud Link
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Record ID	An identifier for the record
Record Modification Time	The last time the record was modified by the user
Reported Assets In User iCloud Quota	The total asset size reported as impacting the user's iCloud storage quota
Share Flag	Whether a user action is related to sharing activity
Source	The location from which the user's activity originated from
Upload Finished	Whether the shared assets have finished uploading to the server and the link is ready
Videos Count	The number of videos added to the iCloud Link
Zip Records Count	The number of assets included in the iCloud Link via the web

iCloud Photo Library Launch Events

Contains information related to the initial launch of iCloud Photo Library in 2014

Field Name	Details
Album GUID	The Global Unique Identifier (GUID) of the user's album
Album Settings	The settings of the album, defining whether the participant can post photos
Analytics User ID	The Apple Account identifying number
Asset Type	The type of asset subject to the user's action
Comment Size	The size of a comment on an album
Device Family	The type of device from which a user took an action
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed

Field Name	Details
Event Created Timestamp	The date and time the event was created
Event Performed By	The type of user that the activity is performed on the album by (either Owner or Subscriber)
Event Type	The type of event that the user performs
Family Sharing Album Flag	Denotes whether the album is a Family Sharing album
iCloud Quota Utilization Size	The size of the iCloud quota used by the user
Invite GUID	The Global Unique Identifier (GUID) of the user's invitation
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Photo GUID	The Global Unique Identifier (GUID) of the user's photo
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Signup Country Code	The country from which the user signed up for a particular account or service
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes
Thumbnail Size	The size of the thumbnail for the asset
User Type	The subscription tier the user is assigned to (for example, Free, Paid, Paid- Family Member, Paid-Family Owner)
Video Duration (Milliseconds)	The duration of the video added to the album, in milliseconds

iCloud Photo Library Storage Information

Contains information related to current and historic storage usage for iCloud Photo Library

Field Name	Details
Analytics User ID	The Apple Account identifying number

Field Name	Details
Available Storage	The amount of storage available on the user's device
Available Storage Percentage	The amount of storage available on the user's device as a percentage
Device Family	The type of device from which a user took an action
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Source	The source of the user's event within the iCloud Photo Library
Device Storage	The total storage size of the user's device, measured in bytes
Device Version	The version of the user's device from which an action was completed
Event Created Timestamp	The date and time the event was created
Library Size	The total size of the library on the user's device
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Total Storage	The total amount of storage on the user's device

iCloud Storage Creation Information

Contains information related to iCloud storage created by the user

Field Name	Details
Analytics User ID	The Apple Account identifying number
Create Date	The date when the file was created
Device Model	The device model from which the user took an action
Event Created Date	The date the user created the event
OS Version	The version number of the operating system of the user's device from which an action was completed

iCloud Storage Related Events Information

Contains information related to iCloud storage events (for example, create, delete, disable, and enable actions)

Field Name	Details
Analytics User ID	The Apple Account identifying number
Browser Name	The web browser from which the user took action
Browser Version	The web browser version from which the user took action
Camera Capture Path	The photo settings that a user has set
Change Size	The total delete size of the iCloud Photo Library change, measured in bytes
Device Family	The type of device from which a user took an action
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Event Created Timestamp	The date and time the event was created
Event Type	The type of event that the user performs
Hashed Serial Number	The hashed serial number of the user's device
Hashed UDID Number	The hashed Apple Unique Device Identifier of the user's device from which the event occurred, or was started, created, or initiated
iCloud Quota Change Size	The change size of the iCloud quota for the asset
iCloud Quota Utilization Size	The size of the iCloud quota used by the user
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
OS Build Version	The build version of the operating system of the user's device from which an action was completed

Field Name	Details
OS Version	The version number of the operating system of the user's device from which an action was completed
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Signup Country Code	The country from which the user signed up for a particular account or service
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes
User Type	The subscription tier the user is assigned to (for example, Free, Paid, Paid- Family Member, Paid-Family Owner)

Information for Assets in a Family Sharing Photos Album

Contains information relating to assets added to a Family Sharing Photos Album

Field Name	Details
Analytics User ID	The Apple Account identifying number
Asset Type	The type of asset subject to the user's action
Event Type	The type of event that the user performs

Photo Album Events

Contains information related to when a user adds, edits, or deletes an album, photo, comment, or like, or sends an invite

Field Name	Details
Album Settings	The settings of the album, defining whether the participant can post photos
Analytics User ID	The Apple Account identifying number
Asset Count	The total count of the user's assets on their device (for example, Photos, Videos, and so on)
Asset Type	The type of asset subject to the user's action
Authentication Type	The authentication method used by the user

Field Name	Details
Comment Size	The size of a comment on an album
Device Family	The type of device from which a user took an action
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Distinct Album Count	The total number of distinct albums for a user
Event Performed By	The type of user that the activity is performed on the album by (either Owner or Subscriber)
Event Type	The type of event that the user performs
Family Sharing Album Flag	Denotes whether the album is a Family Sharing album
iCloud Quota Utilization Size	The size of the iCloud quota used by the user
Invite Type	Whether the invitation was sent by email, phone, email and phone, or through the application
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Signup Country Code	The country from which the user signed up for a particular account or service
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)
Storage Subscription Tier	The storage tier the owner is assigned to
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes
Thumbnail Size	The size of the thumbnail for the asset
Total Album Count	The total number of albums for a user
Total Invitation Count	The total number of invitations sent by a user for a specific album
User Type	The subscription tier the user is assigned to (for example, Free, Paid, Paid- Family Member, Paid-Family Owner)

Field Name	Details
Video Duration (Milliseconds)	The duration of the video added to the album, in milliseconds

Photos Features Settings Events

Contains information related to the configuration of certain Photos features on the user's device

Field Name	Details
Analytics User ID	The Apple Account identifying number
Backup	Whether the device stores photos in a device backup or not - please note that a device's photos may be backed up in the iCloud Photo Library rather than a device backup, based on the user's choice
Device Family	The type of device from which a user took an action
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Event Created Timestamp	The date and time the event was created
iCloud Photo Sync	Denotes whether the user's device synchronizes photos with iCloud
Last Upload Timestamp	The last time at which the device finished a successful upload
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Recent Download Timestamp	The last time the device finished a successful download
Shared Album On Device	Whether the user's device has enabled shared albums

Photos Memories Creation Information

Contains information related to user activity when a memory is created with photos and videos captured in a given time period

Field Name	Details
Analytics User ID	The Apple Account identifying number
Application	The name of the application
Asset Count In Memory	The total count of the user's assets in the media memory
Device Family	The type of device from which a user took an action
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Event Created Timestamp	The date and time the event was created
Event Type For Memories	The event where a memory is created in Photos
iCloud Quota Utilization Size	The size of the iCloud quota used by the user
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
Memory Creation Source	The source where the memory was created on the user's device (will always be "System")
Memory ID	A unique identifier assigned to a specific memory created
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)

Field Name	Details
Signup Country Code	The country from which the user signed up for a particular account or service
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes
User Type	The subscription tier the user is assigned to (for example, Free, Paid, Paid- Family Member, Paid-Family Owner)

Recently Deleted Assets User Events

Contains information related to iCloud Photo Library storage of recently deleted assets (for example, photos), not including assets already recovered by the user

Field Name	Details
Analytics User ID	The Apple Account identifying number
Asset Identifier	The unique identifier assigned to a specific asset
Asset Size	The total size of the asset(s)
Asset Type	The type of asset subject to the user's action
Deletion From	The location from which the user's asset has been deleted
Last Event Timestamp	The timestamp the last event occurred

Recovered Asset Information

Contains information related to when an asset (for example, photo) is recovered from the Trash, Recently Deleted album, or from an expunged state by contacting AppleCare

Field Name	Details
Analytics User ID	The Apple Account identifying number
Asset Identifier	The unique identifier assigned to a specific asset
Asset Size	The total size of the asset(s)
Asset Source	The source of an asset's upload on a user's device (for example, Files, Front Camera, Back Camera)
Asset Type	The type of asset subject to the user's action

Field Name	Details
Browser Name	The web browser from which the user took action
Browser Version	The web browser version from which the user took action
Camera Option	The selected camera option(s) with which the file was captured
Camera Settings	The selected camera settings with which the file was captured (for example, Normal Photo, Unknown)
Date Created	The date and time at which the asset was created
Device Family	The type of device from which a user took an action
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Event Created Timestamp	The date and time the event was created
File Upload Date	The date on which the user uploaded the asset
iCloud Quota Change Size	The change size of the iCloud quota for the asset
iCloud Quota Size	The size of the user iCloud quota
iCloud Quota Utilization Size	The size of the iCloud quota used by the user
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)

Field Name	Details
Recovery From	The location from which the user's asset has been recovered/accessed
Signup Country Code	The country from which the user signed up for a particular account or service
Storage Plan Code	The plan period for the user's iCloud+ storage subscription (for example, Free, Monthly, Annual)
Storage Tier (GB)	The size of the iCloud storage tier used by the user, measured in gigabytes
Sub Asset Type	The type of photo or video that is being captured on the user's device (for example, Photo- Live, Screenshot, Normal)
User Type	The subscription tier the user is assigned to (for example, Free, Paid, Paid- Family Member, Paid- Family Owner)

Shared Albums Information

Contains information related to shared albums currently stored in iCloud by a user

Field Name	Details
Album ID	A unique identifier assigned to a specific album asset
Album Settings	The settings of the album, defining whether the participant can post photos
Analytics User ID	The Apple Account identifying number
Asset Status	The status of the user's asset (for example, active, deleted, NA, and so on)
Asset Type	The type of asset subject to the user's action
Comment Count (Add)	The total count of comments that were added to an active album/asset
Comment Count (Delete)	The total count of comments that were deleted from an active album/asset
Last Event Timestamp	The timestamp the last event occurred
Likes Count (Add)	The total count of likes that were added to an active album/asset
Likes Count (Delete)	The total count of likes that were deleted from an active album/asset

Field Name	Details
Photo ID	A unique identifier assigned to a specific photo asset
Subscription Post Status	The status of the user's subscription to their posts, such as whether multi-contribution is on or off

Status Information for User Leaving a Shared Library

Contains information related to the status of an attempt to leave a Shared Library where the action has not yet been completed (the user's iCloud Photo Library is currently stuck in a shared state, but will resolve automatically)

Field Name	Details
Analytics User ID	The Apple Account identifying number
Date Created	The date and time at which the asset was created
Days From Update Time	The number of days since the shared library was last updated
iCloud Activity Status	The status of the user's Apple Account and activities
iCloud Photo Sync	Denotes whether the user's device synchronizes photos with iCloud
Latest Participant Count	The latest number of participants
Library Role	The role of the user in the library (for example, Owner, Participant)
Owner Active Status	The status of the owner, which determines if the owner's Apple Account is still active or deleted
Participant Active Status	The status of the participant, which determines if the participant's Apple Account is still active or deleted

Summary of Asset Download User Events

Contains summary of information related to the user's downloads from older iOS devices (such as iOS, iPadOS, tvOS, macOS, watchOS)

Field Name	Details
Aggregate Count	The total count of downloads grouped by the type of resource/asset
Analytics User ID	The Apple Account identifying number
Asset Count	The total count of the user's assets on their device (for example, Photos, Videos, and so on)

Field Name	Details
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
File Size	The size of the user's file
Hashed Serial Number	The hashed serial number of the user's device
Hashed UDID Number	The hashed Apple Unique Device Identifier of the user's device from which the event occurred, or was started, created, or initiated
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Resource Name	The name of the resource that has been uploaded by the user
Signup Country Code	The country from which the user signed up for a particular account or service

Summary of Deleted Assets Information

Contains information related to when a user deletes an already uploaded asset (for example, photo) from the iCloud Photo Library

Field Name	Details
Analytics User ID	The Apple Account identifying number

Field Name	Details
Asset Count	The total count of the user's assets on their device (for example, Photos, Videos, and so on)
Asset Size	The total size of the asset(s)
Asset Source	The source of an asset's upload on a user's device (for example, Files, Front Camera, Back Camera)
Asset Type	The type of asset subject to the user's action
Browser Name	The web browser from which the user took action
Browser Version	The web browser version from which the user took action
Camera Option	The selected camera option(s) with which the file was captured
Camera Settings	The selected camera settings with which the file was captured (for example, Normal Photo, Unknown)
Deletion From	The location from which the user's asset has been deleted
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Hashed Serial Number	The hashed serial number of the user's device
Hashed UDID Number	The hashed Apple Unique Device Identifier of the user's device from which the event occurred, or was started, created, or initiated
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed

Field Name	Details
Platform	The device platform from which the user took the action (for example, iOS, macOS, Windows, and so on)
Sub Asset Type	The type of photo or video that is being captured on the user's device (for example, Photo- Live, Screenshot, Normal)

Summary of iCloud Storage Related Events

Contains summary of information related to iCloud storage events (for example, create, delete, disable, and enable actions)

Field Name	Details
Analytics User ID	The Apple Account identifying number
Browser Name	The web browser from which the user took action
Browser Version	The web browser version from which the user took action
Camera Capture Path	The photo settings that a user has set
Change Size	The total delete size of the iCloud Photo Library change, measured in bytes
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Event Type	The type of event that the user performs
Hashed Serial Number	The hashed serial number of the user's device
Hashed UDID Number	The hashed Apple Unique Device Identifier of the user's device from which the event occurred, or was started, created, or initiated
iCloud Quota Change Size	The change size of the iCloud quota for the asset
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device

Field Name	Details
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed

Summary of Recovered Asset Information

Contains summary of information about assets (for example, photos) recovered by a user from the Trash, Recently Deleted album, or from an expunged state by contacting AppleCare

Field Name	Details
Analytics User ID	The Apple Account identifying number
Asset Count	The total count of the user's assets on their device (for example, Photos, Videos, and so on)
Asset Size	The total size of the asset(s)
Asset Source	The source of an asset's upload on a user's device (for example, Files, Front Camera, Back Camera)
Asset Type	The type of asset subject to the user's action
Browser Name	The web browser from which the user took action
Browser Version	The web browser version from which the user took action
Camera Option	The selected camera option(s) with which the file was captured
Camera Settings	The selected camera settings with which the file was captured (for example, Normal Photo, Unknown)
Device GUID	The Global Unique Identifier (GUID) of the user's device
Device Model	The device model from which the user took an action
Device Version	The version of the user's device from which an action was completed
Hashed Serial Number	The hashed serial number of the user's device

Field Name	Details
Hashed UDID Number	The hashed Apple Unique Device Identifier of the user's device from which the event occurred, or was started, created, or initiated
IP City	The city from which the user took the action, as determined from the IP address on the user device
IP Country Code	The country from which the user took the action, as determined from the IP address on the user device
IP Domain	The domain for the internet service provider (ISP) that the user was connected to when they completed the action
OS Build Version	The build version of the operating system of the user's device from which an action was completed
OS Version	The version number of the operating system of the user's device from which an action was completed
Recovery From	The location from which the user's asset has been recovered/accessed
Sub Asset Type	The type of photo or video that is being captured on the user's device (for example, Photo- Live, Screenshot, Normal)

Transfer Information for iCloud Photos

Contains information related to the transfer of iCloud Photos to another participating third-party service

Field Name	Details
Analytics User ID	The Apple Account identifying number
Create Time	The timestamp when the import or export request was created by the user
Data Type For Export	The type of data/assets that the user is exporting (for example, Photo, Video, PDF)
Error Source	Denotes whether an error occurred during the import or export of media
Export Service	The service from which the photos and videos were exported (should always be "Apple")
Failed Files Count	The number of files which failed to be processed
Files Processed	The number of files imported by the user

Field Name	Details
Import Service	The third-party service from which the photos and videos were imported
Retry Count	The number of times that the user retries an action
Transferred File Count	The count of the user's files subject to the import or export action
User Request Status And Reason	The user request status and reason why the user request is incomplete (for example, Disconnected from account, Abandoned action, and so on)

User's Shared Library information

Contains information from the first and most recent day of a user's Shared Library and shows user type mapping for a shared library (such as Owner, Participant, Family Member)

Field Name	Details
Analytics User ID	The Apple Account identifying number
Current Country Code	The latest country provided by the user in their Apple Account settings
Family ID For Family Sharing	A unique identifier used to identify a user's Family Sharing group
Family Member Type	The classification of the type of user in the family group (for example, Organizer, Adult, Teen, Child)
Library Exit Date	The date on which the user exited a shared library
Library Join Date	The date on which the user joined a shared library
Library Role	The role of the user in the library (for example, Owner, Participant)